NEWS RELEASE

Collaborative Study with Melanoma Research Foundation Confirms Patients Diagnosed with Melanoma Desire Testing with DecisionDx®-Melanoma

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Study shows that DecisionDx®-Melanoma results can provide patients with knowledge and understanding regarding their prognosis and inform melanoma treatment decisions

FRIENDSWOOD, Texas--(BUSINESS WIRE)-- Castle Biosciences, Inc. (Nasdaq: CSTL), a company improving health through innovative tests that guide patient care, today announced a poster presentation on DecisionDx®-Melanoma at the recent 2022 Fall Clinical Dermatology Conference for PAs & NPs. The poster, titled "Attitudes of Patients with Cutaneous Melanoma Towards Prognostic Testing Using Gene Expression Profiling," shares results from a survey of 120 melanoma patients regarding prognostic testing with DecisionDx-Melanoma. The poster can be viewed **here**.

"The number of invasive melanoma diagnoses has risen by 31% over the last decade,[1] and in 2022 alone, it is estimated that melanoma will claim over 7,000 lives.[2] For this reason, a diagnosis of malignant, invasive melanoma can be terrifying for patients," said Kyleigh LiPira, M.B.A., study author and chief executive officer of the Melanoma Research Foundation (MRF). "In the survey, a significant majority of patients desired testing with DecisionDx-Melanoma after receiving a melanoma diagnosis and appreciated the in-depth information provided by the results, regardless of whether they received low or high-risk scores."

Highlights from survey results:

- 90% of patients wanted prognostic information about their tumors at diagnosis.
- Patients wanted DecisionDx-Melanoma testing to increase their knowledge about their disease (76.9%) and inform treatment decisions (46.2%).
- More than 90% of patients felt the testing was useful and that they gained understanding (60.7%) and relief from uncertainty (39.3%).
- Patients receiving results from their DecisionDx-Melanoma test did not experience decision regret, even among patients who received a DecisionDx-Melanoma Class 2 (high-risk) test result.

DecisionDx-Melanoma provides personalized information based on a patient's biological risk of metastasis and recurrence that can aid clinicians and patients in making more informed and risk-aligned decisions about the management of their melanoma.

About DecisionDx®-Melanoma

DecisionDx-Melanoma is a gene expression profile test that uses an individual patient's tumor biology to predict individual risk of cutaneous melanoma (CM) metastasis or recurrence, as well as the risk of sentinel lymph node positivity, independent of traditional staging factors, and has been studied in more than 6,300 patient samples. Using tissue from the primary melanoma, the test measures the expression of 31 genes. Additionally, Castle has an ongoing collaboration with the National Cancer Institute (NCI) to link DecisionDx-Melanoma testing data with data from the Surveillance, Epidemiology and End Results (SEER) Program's registries on CM cases. This collaboration has resulted in Castle's analysis of 5,226 samples (clinically tested through December 31, 2018) in a study to evaluate melanoma-specific survival and overall survival; in this study, patients tested with DecisionDx-Melanoma had better survival rates than untested patients, and the data suggested that DecisionDx-Melanoma can accurately risk-stratify for disease progression to aid in risk-aligned treatment plans for improved patient outcomes and survival. The test has been validated in four archival risk of recurrence studies of 901 patients and six prospective risk of recurrence studies including more than 1,600 patients. Additionally, impact on patient management plans for one of every two patients tested has been shown in five multi-center/single-center studies including more than 800 patients. The consistent performance and accuracy demonstrated in these studies provides confidence in disease management plans that incorporate DecisionDx-Melanoma test results. To predict risk of recurrence and likelihood of sentinel lymph node positivity, the Company utilizes its proprietary algorithms, i31-ROR and i31-SLNB, to produce an Integrated Test Result. Through March 31, 2022, DecisionDx-Melanoma has been ordered 97,288 times for patients with cutaneous melanoma.

More information about the test and disease can be found at **www.CastleTestInfo.com**.

About Castle Biosciences

Castle Biosciences (Nasdaq: CSTL) is a leading diagnostics company improving health through innovative tests that guide patient care. The Company aims to transform disease management by keeping people first: patients, clinicians, employees and investors.

Castle's current portfolio consists of tests for skin cancers, uveal melanoma, Barrett's esophagus and mental health conditions. Additionally, the Company has active research and development programs for tests in other diseases with high clinical need, including its test in development to predict systemic therapy response in patients with moderate-to-severe psoriasis, atopic dermatitis and related conditions. To learn more, please visit **www.CastleBiosciences.com** and connect with us on **LinkedIn**, **Facebook**, **Twitter** and **Instagram**.

Forward-Looking Statements

This press release contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended, which are subject to the "safe harbor" created by those sections. These forward-looking statements include, but are not limited to, statements concerning: the ability of our DecisionDx®-Melanoma test to aid clinicians and patients in making more informed and risk-aligned decisions about the management of their melanoma and provide patients with knowledge and understanding regarding their prognosis and inform melanoma treatment decisions. The word "can" and similar expressions are intended to identify forward-looking statements, although not all forward-looking statements contain these identifying words. We may not actually achieve the plans, intentions or expectations disclosed in our forward-looking statements, and you should not place undue reliance on our forward-looking statements. Actual results or events could differ materially from the plans, intentions and expectations disclosed in the forward-looking statements that we make. These forward-looking statements involve risks and uncertainties that could cause our actual results to differ materially from those in the forward-looking statements, including, without limitation: subsequent study or trial results and findings may contradict earlier study or trial results and findings or may not support the results obtained in this study, including with respect to the discussion of DecisionDx®-Melanoma in this press release; actual application of our DecisionDx®-Melanoma test may not provide the aforementioned benefits to patients; and the risks set forth under the heading "Risk Factors" in our Quarterly Report on Form 10-Q for the three months ended March 31, 2022, and in our other filings with the SEC. The forward-looking statements are applicable only as of the date on which they are made, and we do not assume any obligation to update any forward-looking statements, except as may be required by law.

[1]Skin Cancer Foundation: **https://www.skincancer.org/skin-cancer-information/skin-cancer-facts/**

[2]MRF's 2022 Melanoma Fact Sheet: **https://online.flippingbook.com/view/469224/**

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